

# Global Food Production Trends and Analysis: A Comprehensive Study from 1961 to 2023 Using Power BI

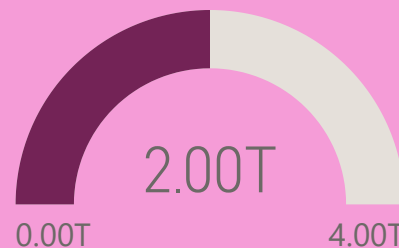
2.00T

Total\_Production

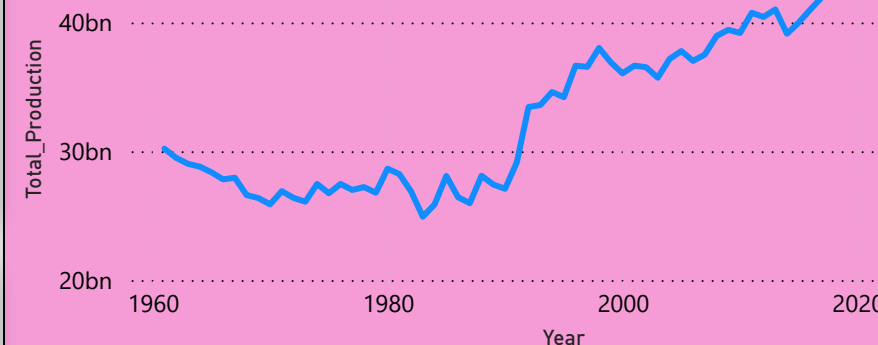
282bn

Cumulative\_Wheat\_Prod...

Total\_Production



Total\_Production by Year



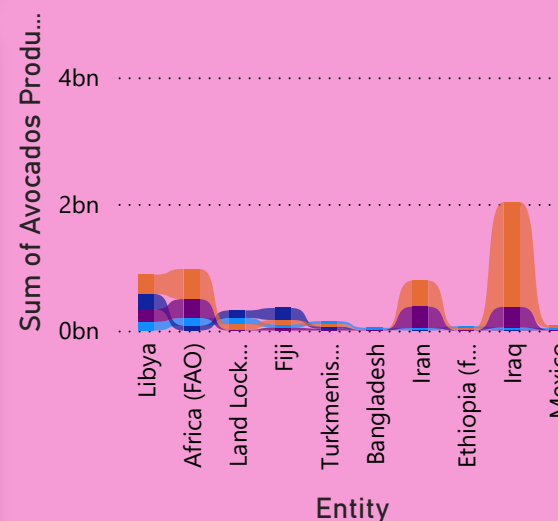
Year

1961

2021

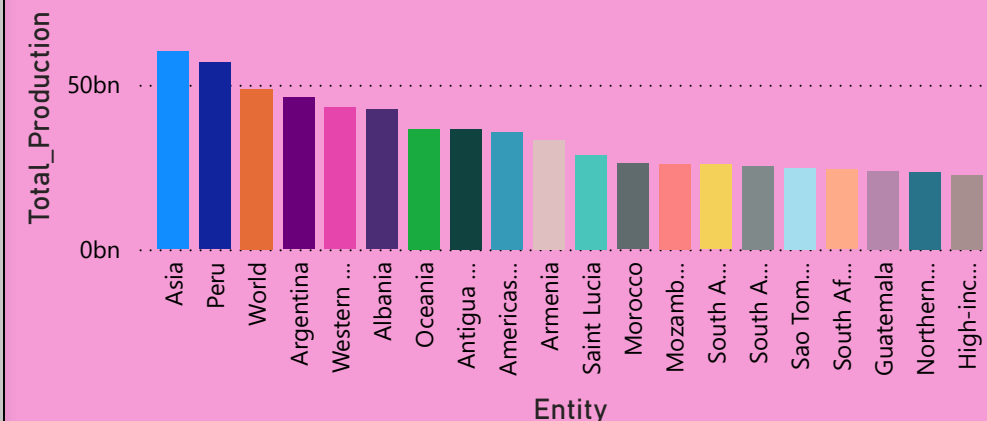
Sum of Avocados Production (tonnes),  
Sum of Apples Production (tonnes),  
Sum of Bananas Production ( tonnes) ...

Sum of Av... Sum of A... Sum of ...



Total\_Production by Entity and Entity

Entity Asia Peru World Argentina Western... Albania Oceania



Sum of Maize Production (tonnes) by Entity

Entity

World

Americas (FAO)

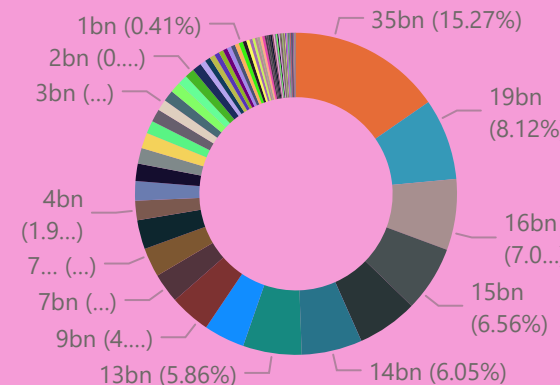
High-income c...

North America

Upper-middle...

Northern Ame...

United States



# Crop Production Density by Country

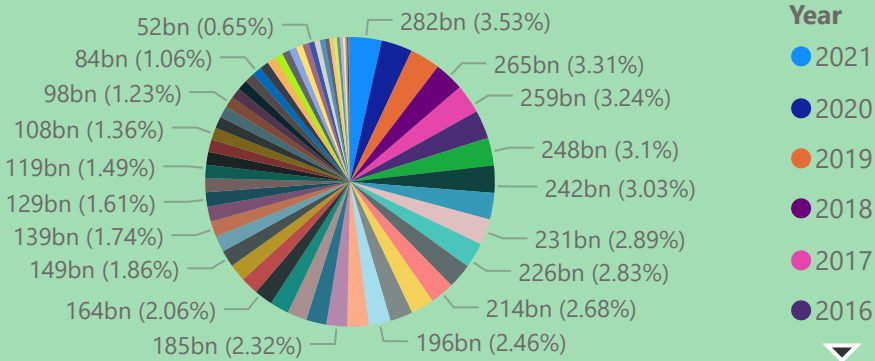
2021 accounted for 3.53% of Cumulative\_Wheat\_Production.

At 281800313027, 2021 had the highest Cumulative\_Wheat\_Production and was 6,764.83% higher than 1961, which had the lowest Cumulative\_Wheat\_Production at 4104986401.

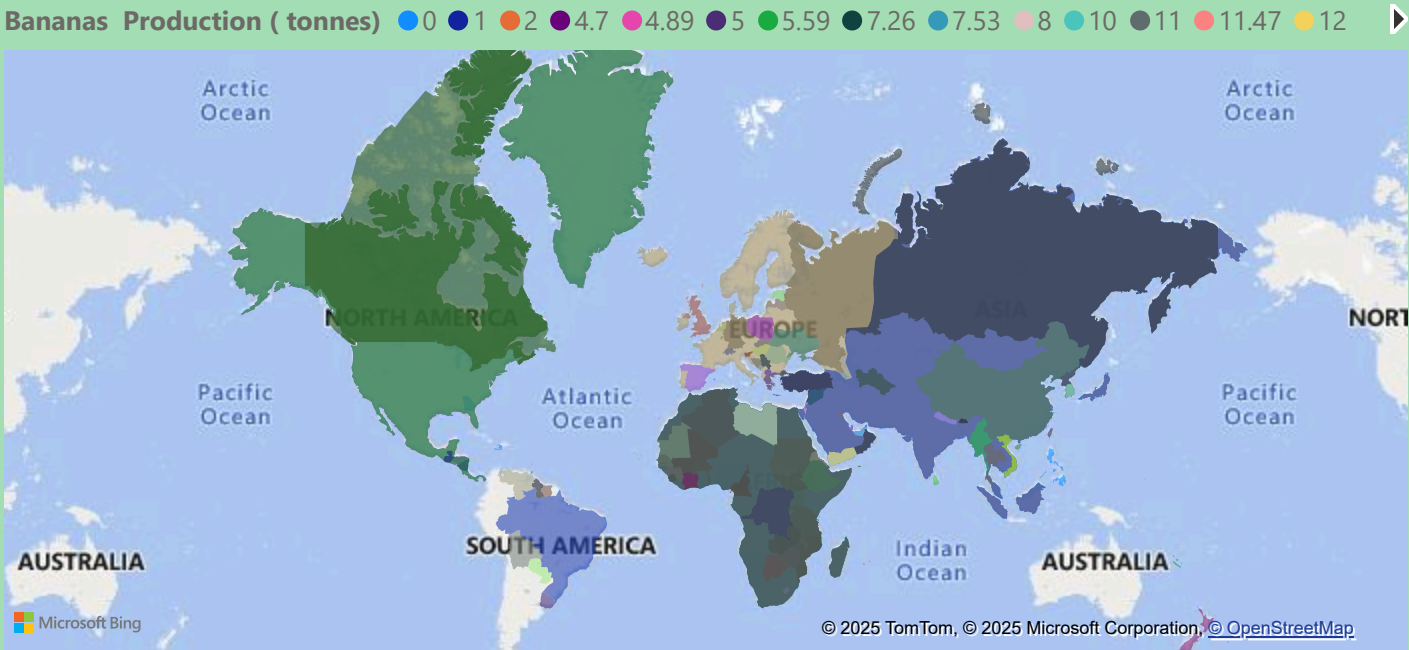
Cumulative\_Wheat\_Production and total Sum of Wheat Production (tonnes) are positively correlated with each other.

Cumulative\_Wheat\_Production and Sum of Wheat Production (tonnes) diverged the most when the Year was 2021, when Cumulative\_Wheat\_Production were 276320521573 higher than

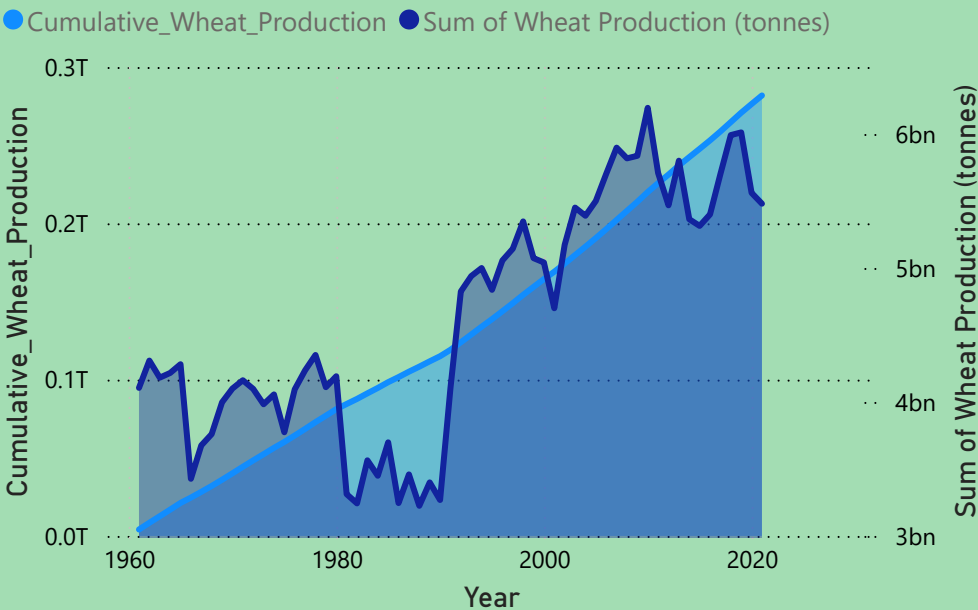
Cumulative\_Wheat\_Production by Year



Entity and Bananas Production ( tonnes)

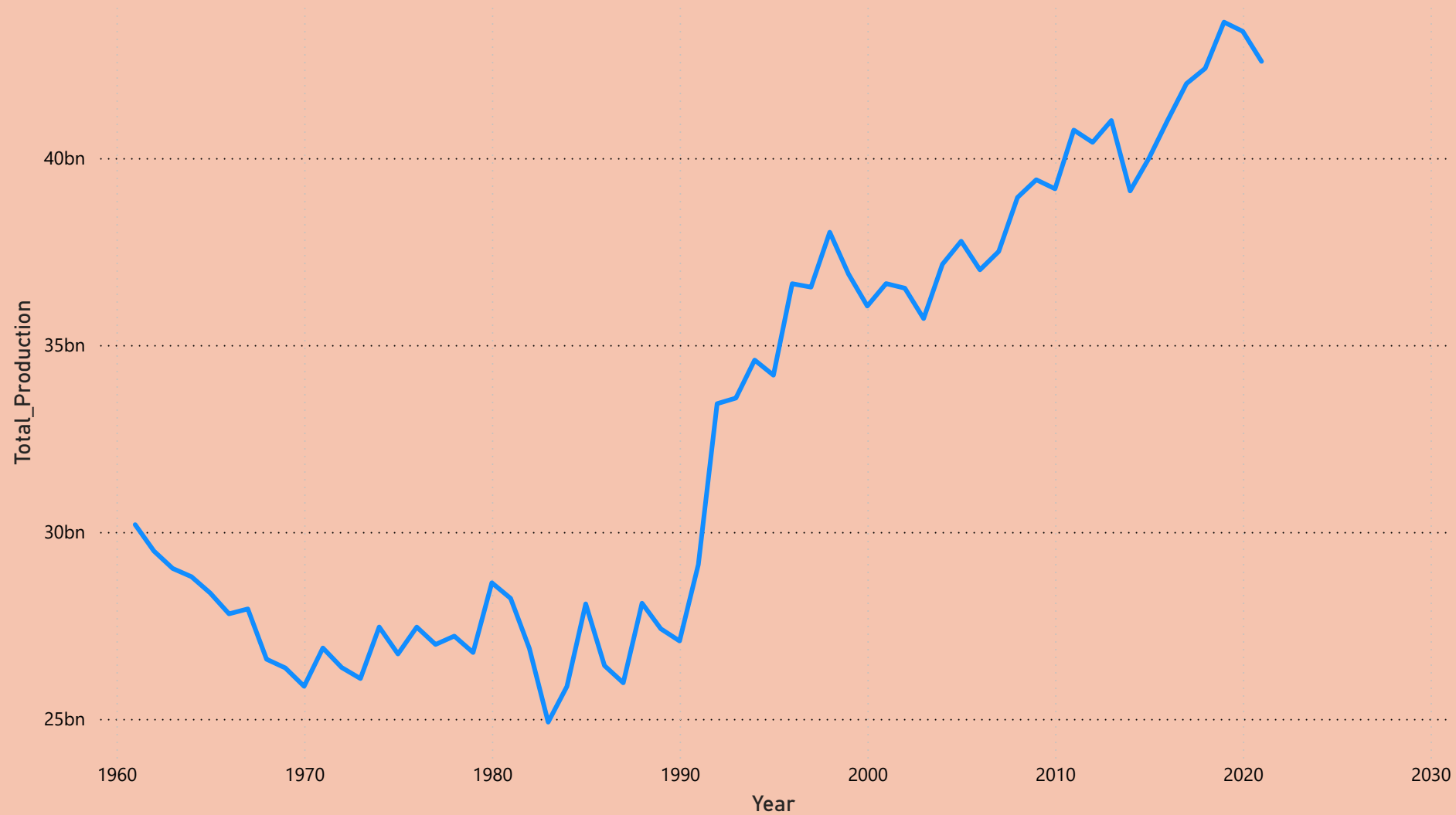


Cumulative\_Wheat\_Production and Sum of Wheat Production (tonnes) by Year



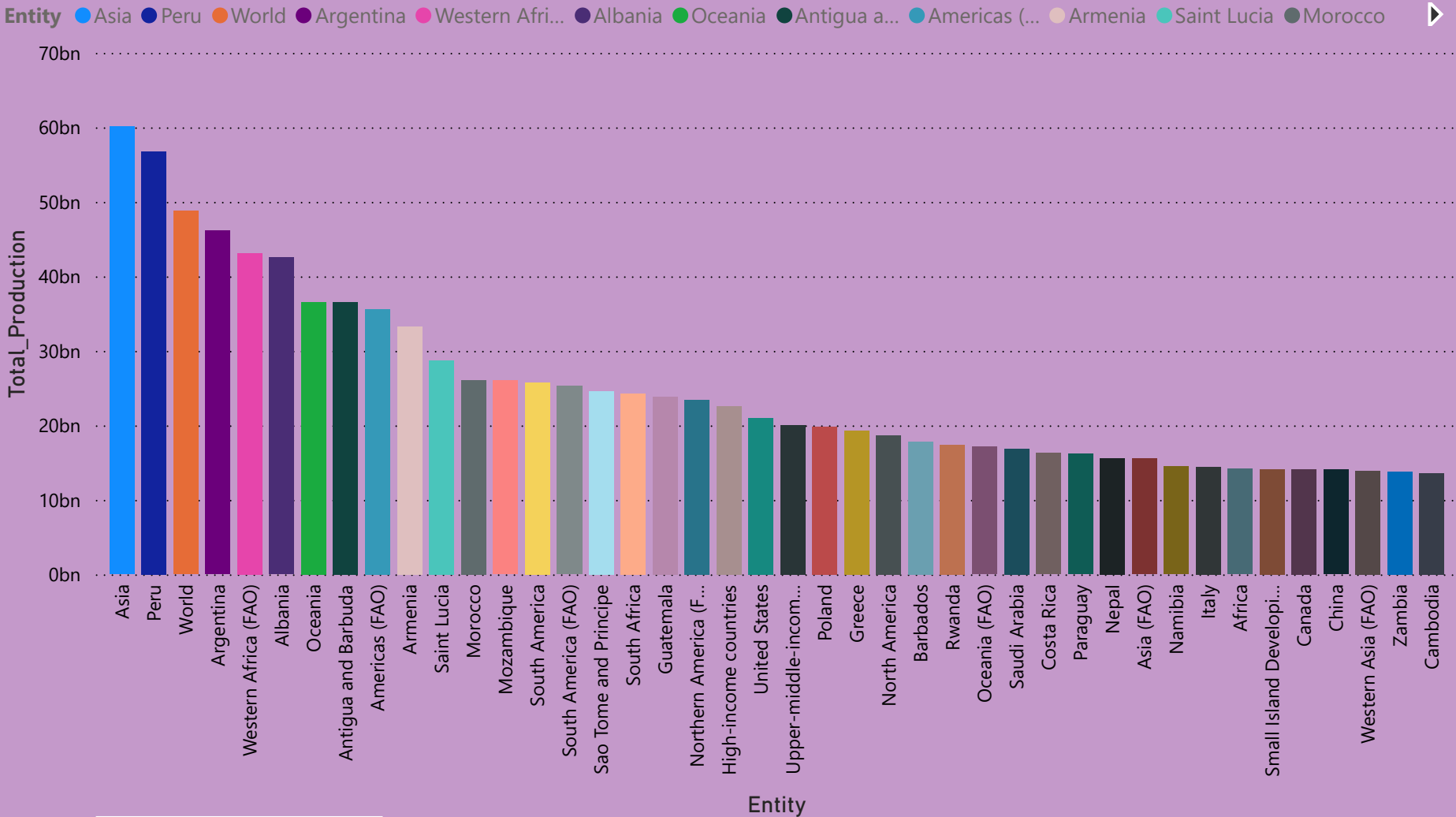
## **Yearly Trend of Crop Production**

Total\_Production by Year



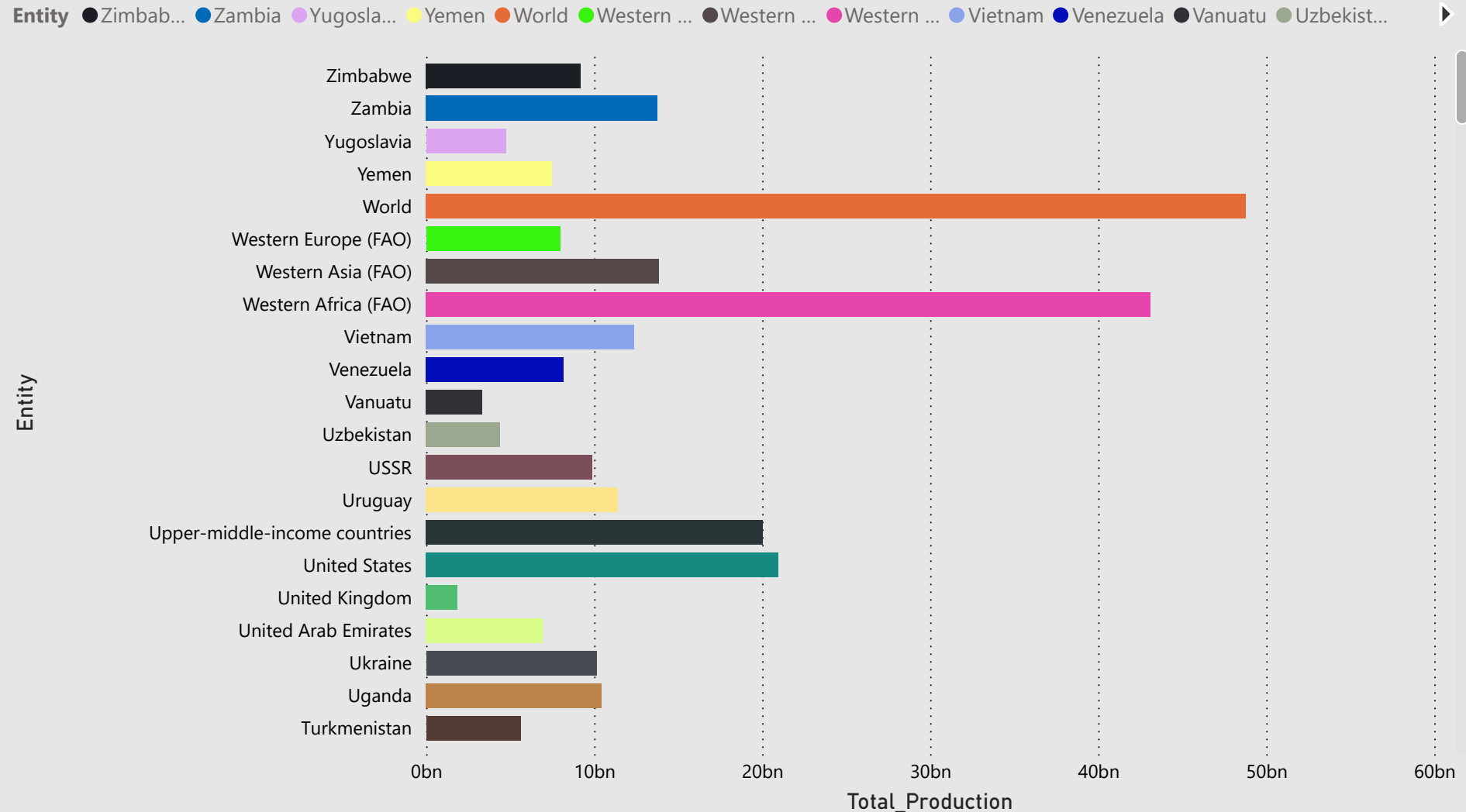
# Comparison of Crop Production by Country

Total\_Production by Entity and Entity



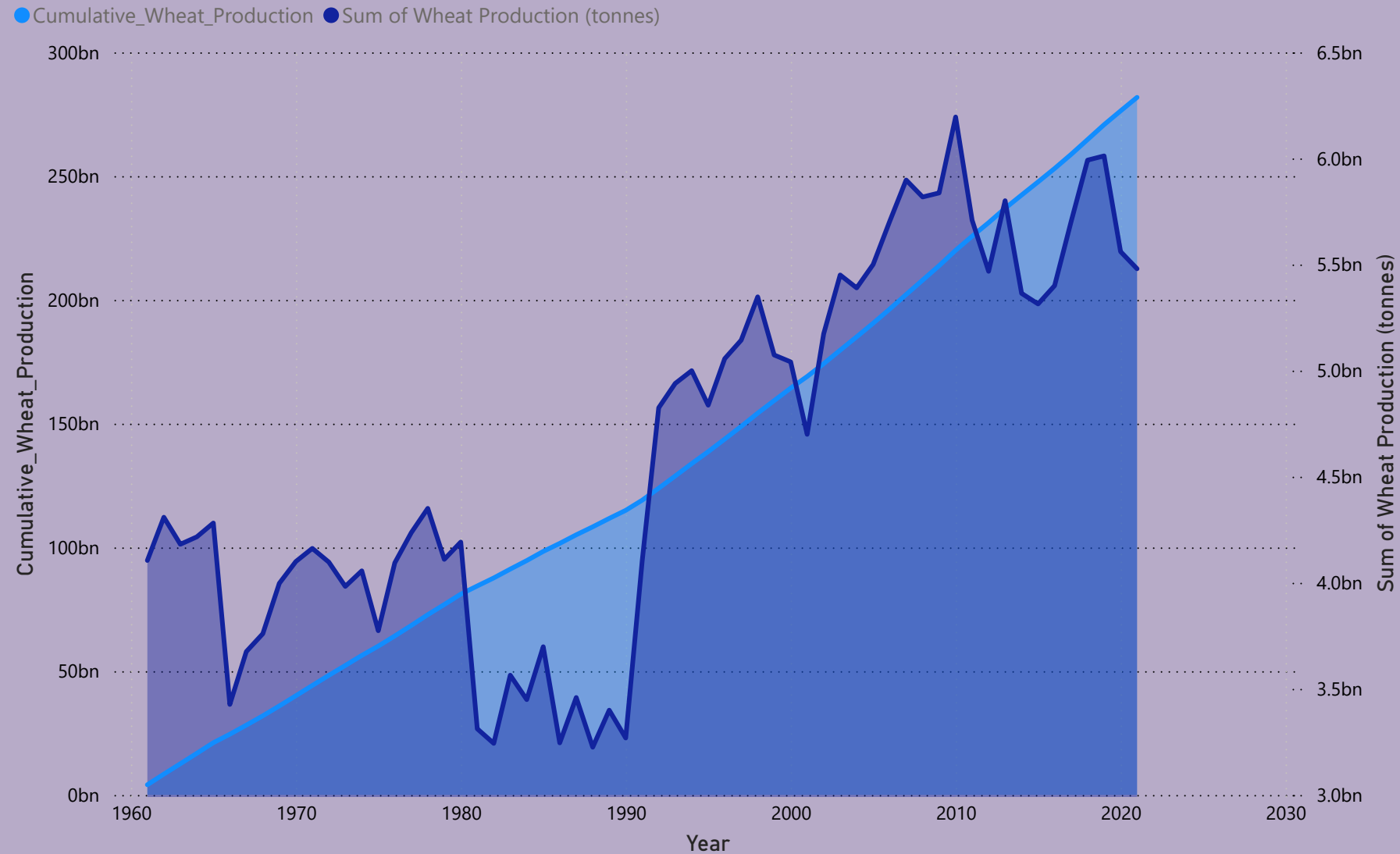
# Countries by Production for a Specific Crop

Total\_Production by Entity and Entity



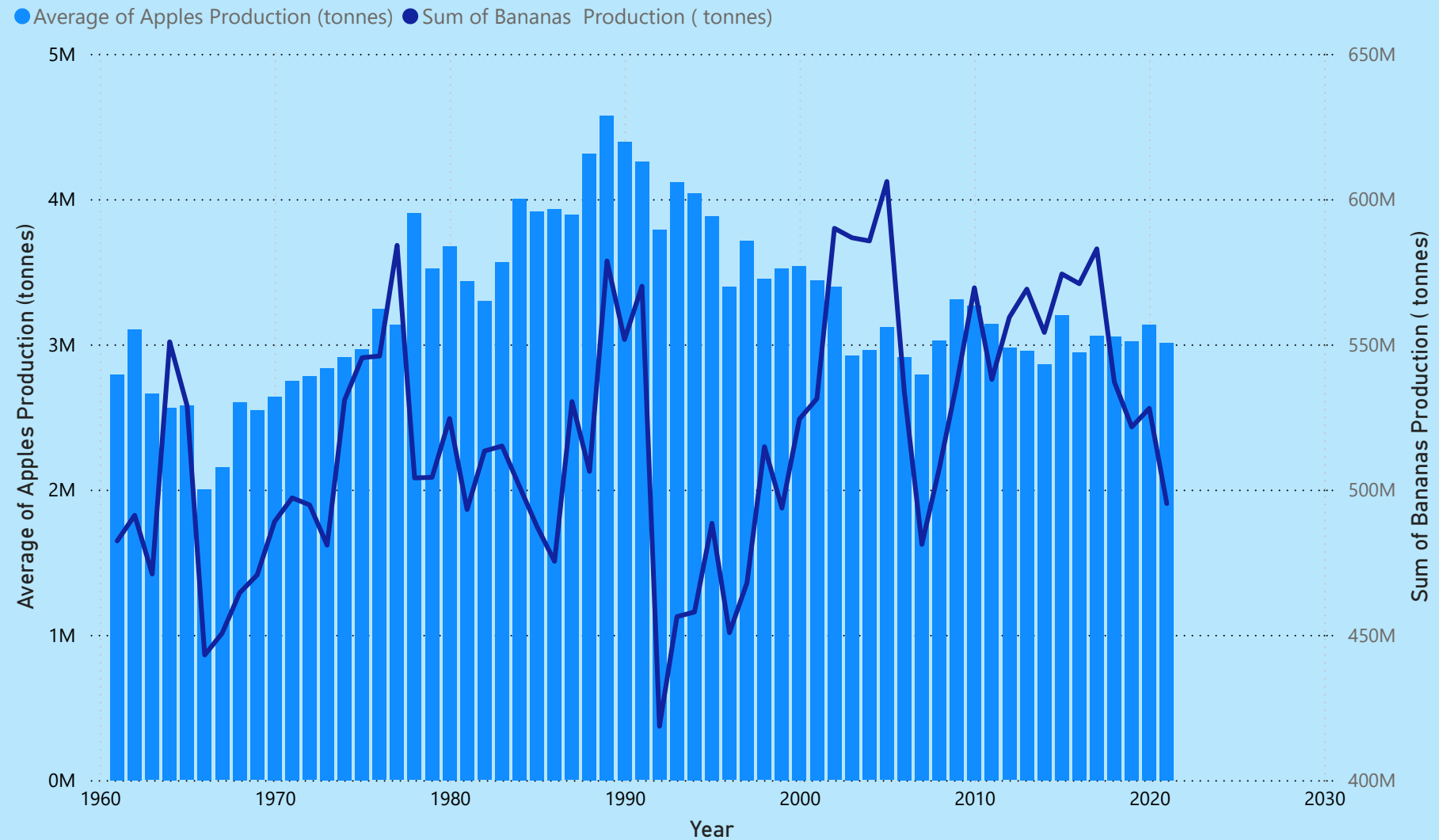
## Cumulative Crop Production Over Time

Cumulative\_Wheat\_Production and Sum of Wheat Production (tonnes) by Year



# ***Production Comparison Between Two Crops***

**Average of Apples Production (tonnes) and Sum of Bananas Production ( tonnes) by Year**



# Production Density by Country

Sum of Avocados Production (tonnes), Sum of Apples Production (tonnes), Sum of Bananas Production ( tonnes) and Sum of Oranges Production (tonnes) by Entity

